

5 - PSYCHIATRY

- Electroconvulsive therapy (ECT) used in TTT of Acute mania, acute schizophrenia and severe depression..
- Withdrawal of heroin → rhinorrhea, diarrhea, pains.
- There is insight in neurosis, Hallucinat. e` psychosis
"مدرك انه مريض"
- Mania, schizo, Depr., delirium → aggression.
- No aggression in obsessive.

- **Hepatic encephalopathy** is a cause of delirium.
- **Compulsion** is a repetitive, purposetnl stereotyped actions.
- **+ve FH in schizophrenic.** → poor prognosis.
- **Hysterical Fit** occnr in front of audience.
- **Irreversible dementia** (Multi infarct, Huntingot, ALZhaimer.
- **Agoraphobin** (fear of open spaces)
- **In Dementia** (No clouded consciousness)
- **Cancer pancreas** → depressive sympt.

Medical diseases presented e` anxiety: (V.I)

- Hypothy. *Hyperpara *cushing *Addisson
- phaeochromocyt. *Hypoglycemia *MV prolapse
- Angina.

Medical diseases presented with depression-:

- Hyperthyroidism *Cushing *Addison
- hyperpara *hypopara *pneumonia
- cancer pancreas *intrr cranial tumors
- *pernicious anemia.

Medical diseases presented with psychotic symptoms:-(e.g. hallucinations, delusions(?))

- MS *Wilson's *glucose *intra cranial Tumor
- *perth *psychomotor epilepsy *Huntington chorea

Medical diseases presented with mania:

- Huntington's disease -Stroke -MS.
- Viral encephalitis -Frontal degenerative diseases .
- Uremia. -Open heart surgery - Wilson
- Trauma -Post encephalitis - Vit B12
- -Traumatic brain injury

☒ Drug induced psychiatric symptoms:

- Phenytoin: irritability, hallucination, psychotic symptoms.
- Phenobarbital: confusion, over sedation.
- -NSAID : anxiety, nervousness, emotional lability.
- Indomethacin: confusion, depression, hallucinations, psychosis.
- Salicylates: (High dose) elation and euphoria.
- Thyroxine therapy:

- ☒ excess: restlessness , anxiety , psychosis , manic mania.
- ☒ **Inadequate dose:** hypothyroidism (fatigue, depression, psychosis)
- **Steroids** → euphoria , hypomania , fatigue or depression.
- **Estrogen** → restlessness, euphoria.
- **Progesterone** → fatigue , irritability.
- **Androgen** → restlessness , agitation , aggressiveness , euphoria
- **Anticholinergic** , antispasmodics, anti-histaminic, anti-parkinsonism, atropine eye drops → anticholinergic psychosis
- **Reserpine** → nightmares
- **Diuretics(thiazides, furesamide)** → fatigue, depression
- **Methyl dopa** → depression, confusion, verbal memory impairment
- **Clonidine** → sedation, depression ,and antagonized by TCA
- **Withdrawal** → mania
- **Propranolol and other BBs** → fatigue, insomnia, nightmares, depression, paranoia,

- Verbal memory impairment, psychosis
- Digitalis → apathy, fatigue, depression, psychosis
- Quinidin, procainamide, lidocaine(lignocain) → confusion, delirium, depression
- Sympathomimetic → restlessness, anxiety, panic, irritability, insomnia
- L-Dopa → confusion ,delirium, anxiety,agitation, hypomania, psychosis ,depression
- Hypoglycemic → restlessness, anxiety, disorientation
- Tetracycline → emotional liability ,depression, confusion
- INH → euphoria, transient memory loss, agitation
- Antineoplastic → depression

PSYCHOSOMATIC DISORDERS

- Stress, psychological and social factors influence the development
- And maintenance of medical disease.

- Mechanism:

-Psychological mechanism: severe stress or chronic stress

-Physiological mechanism :

- Activation of ANS(sympathatic and parasympathatic)

- **Release of hypothalasm factors and pituitary hormones**

Examples:

a) **CVS**: hypertension. ISHD, hypotension, exacerbation of CHF

b) **BS** : br. Asthma, hay fever, hyperventilation \$

c) **GI** : peptic ulcer, ulcerative colitis

d) **Musculo-skeletal** : RA, tension headache, migraine, torticollis

e) **Geneto-urinary** : dyspareunia, fragidity, menstrual disorders,

- pseudocyesis(حمل كاذب)

- Impotence,premature ejaculation

f) **Endocrine**: exacerbation of DM and hyperthyrodism

g) **Skin**: exacerbation of psoriasis, urticarial, pruritis, neurodermatitis(eczema)

h) **Malignancy**:stress afeect immune system influences malignancy develop

- **TTT the medical condition and psychological symptoms**